WHAT IS CLAIMED IS:

1/ A method of distributing the blades of a turbomachine rotor in which the radial and tangential static moments of a plurality of blades for making a rotor are initially measured, and then the blades are classified in pairs on the basis of a determined selection criterion depending on said previously measured two static moments, and finally the blades of the selected pairs are mounted one by one on the rotor in diametrically opposite positions.

2/ A method of distributing the blades of a turbomachine rotor according to claim 1, wherein said selection criterion consists in determining for two given blades both a radial static moment difference and a tangential static moment difference, and in verifying that these two differences are respectively not greater than a first determined value and not greater than a second determined value.

3/ A method of distributing the blades of a turbomachine rotor according to claim 2, wherein said first determined value is 2×10^{-4} m.kg.

4/ A method of distributing the blades of a turbomachine rotor according to claim 2, wherein said second determined value is 4×10^{-4} m.kg.

5/ A method of distributing the blades of a turbomachine rotor according to claim 1, wherein the axial static moment of said plurality of blades is also measured and the blades are classified in pairs while taking account of the axial static moment as measured in this way.

6/ A method of distributing the blades of a turbomachine rotor according to claim 2, wherein the axial static moment of said plurality of blades is also measured and the blades are classified in pairs while taking account

of the axial static moment as measured in this way, and wherein said selection criterion consists in determining an axial static moment difference between said two blades and in verifying that it is not greater than a third determined value.

7/ A method of distributing the blades of a turbomachine rotor according to claim 6, wherein said third determined value is 4×10^{-4} m.kg.

8/ A method of distributing the blades of a turbomachine rotor according to claim 5, wherein the combined static moment of said plurality of blades is also calculated and the classification in pairs is performed while taking account of the combined static moment as calculated in this way.

9/ A method of distributing the blades of a turbomachine rotor according to claim 8, wherein said selection criterion consists in determining the unbalance of the residual radial, tangential, and axial static moments of said plurality of blades and in verifying that it is not greater than a fourth determined value.

10/ A method of distributing the blades of a turbomachine rotor according to claim 9, wherein said fourth determined value is 1×10^{-4} m.kg.